

N61165.AR.004460
CNC CHARLESTON
5090.3a

TRANSMITTAL AND RESPONSE TO COMMENTS FOR CORRECTIVE MEASURES STUDY
REPORT SOLID WASTE MANAGEMENT UNIT 196 (SWMU 196) ZONE H CNC
CHARLESTON SC
6/16/2003
CH2M HILL

SWM 196 Zone H
RTC on CMS Report (RΦ)

CH2MHILL TRANSMITTAL

To: David Scaturo
South Carolina Department of Health
and Environmental Control
Bureau of Land and Waste
Management
8901 Farrow Road
Columbia, SC 29203

From: Dean Williamson/CH2M-Jones

Date: March 18, 2004

Re: CH2M-Jones' Response to Susan Byrd's Comment on *Corrective Measures Study Report, SWMU 196, Zone H, Revision 0* – Originally Submitted on June 16, 2003

We Are Sending You:

X	Attached	Under separate cover via	
	Shop Drawings	Documents	Tracings
	Prints	Specifications	Catalogs
	Copy of letter	Other:	

Quantity	Description
2	CH2M-Jones' Response to Susan Byrd's Comment on <i>Corrective Measures Study Report, SWMU 196, Zone H, Revision 0</i> – Originally Submitted on June 16, 2003

If material received is not as listed, please notify us at once.

Copy To:

Dann Spariosu/USEPA, w/att
Rob Harrell/Navy, w/att
Gary Foster/CH2M-Jones, w/att

Comment 1. Based on the information provided, the proposed media cleanup standards in conjunction with land use controls appear to be protective of human health and the environment, but fail to address ecological risk. Appendix C presents calculations for dilution modeling of contaminated groundwater discharging to surface water. The Department concurs with the overall concept of the dilution model; however, additional sampling is recommended to determine the actual level of contamination entering Shipyard Creek from SWMU 196. Long term surface water and sediment monitoring is recommended until the most concentrated portions of the groundwater plumes have met appropriate cleanup goals or risk screening criteria. Please keep in mind that remedial cleanup goals protective of ecological receptors will not be determined until after completion of the Shipyard Creek portion of the Zone J RFI.

CH2M-Jones Response:

CH2M-Jones agrees to conduct periodic monitoring of surface water and sediments in Shipyard Creek near SWMU 196 as requested above. Samples would be analyzed for VOCs. We propose that initially the sampling be conducted annually in conjunction with the SWMU 9 annual groundwater sampling activities and that the specific locations for surface water and sediment samples be agreed upon with SCDHEC as part of the annual sampling planning activities.